

Publications 2016

Bon E, Driffort V, Gradek F, Martinez-Caceres C, Anachelin M, Pelegrin P, Cayuela ML, Marionneau-Lambot S., Oullier T, Guibon R, Fromont G, Gutierrez-Pajares JL, Domingo J, Piver E, Moreau A, Burlaud-Gaillard J, Frank PG, Chevalier S, Besson P & Roger S. **SCN4B acts as a metastasis-suppressor gene preventing hyperactivated cell migration in breast cancer**. Nature Communications, in revision (IF=12.0).

Jaffrès PA, Gajate C, Bouchet AM, Couthon-Gourvès H, Chantôme A, Potier-Cartereau M, Besson P, Bougnoux P, Mollinedo F, Vandier C. **Alkyl ether lipids, ion channels and lipid raft reorganization in cancer therapy**. Pharmacology & Therapeutics 2016 Jun 8. pii: S0163-7258(16)30093-6. (IF=9.1).

Heude B, Forhan A, Slama R, Douhaud L, Bedel S, Saurel-Cubizolles MJ, Hankard R, Thiebaugeorges O, De Agostini M, Annesi-Maesano I, Kaminski M, Charles MA; EDEN mother-child cohort study group. **Cohort Profile: The EDEN mother-child cohort on the prenatal and early postnatal determinants of child health and development**. *Int. J. Epidemiol.* 2016 Apr;45(2):353-63 (IF=8.8).

Peng H, Hao Y, Mousawi F, Roger S, Li J, Sim JA, Ponnambalam S, Yang X, Jiang LH. **Purinergic and Store-Operated Ca(2+) Signaling Mechanisms in Mesenchymal Stem Cells and Their Roles in ATP-Induced Stimulation of Cell Migration**. Stem Cells. 2016 Aug;34(8):2102-14 (IF=6.9).

Sepulveda JL, Gutierrez-Pajares JL, Luna A, Yao Y, Tobias JW, Thomas S, Woo Y, Giorgi F, Komissarova EV, Califano A, Wang TC, Sepulveda AR. **High-definition CpG methylation of novel genes in gastric carcinogenesis identified by next-generation sequencing**. Mod. Pathol. 2016 Feb;29(2):182-93 (IF=5.8).

Boschetti G, Nancey S, Moussata D, Cotte F, Francois Y, Flourié B, Kaiserlian D. **Enrichment of Circulating and Mucosal Cytotoxic CD8+ T Cells Is Associated with Postoperative Endoscopic Recurrence in Patients with Crohn's Disease**. *J. Crohns Colitis*. 2016 Mar;10(3):338-45. (IF=5.6).

Gambade A, Zreika S, Guéguinou M, Chourpa I, Fromont G, Bouchet AM, Burlaud-Gaillard J, Potier-Cartereau M, Roger S, Aucagne V, Chevalier S, Vandier C, Goupille C, Weber G. **Activation of TRPV2 and BKCa channels by the LL-37 enantiomers stimulates calcium entry and migration of cancer cells**. Oncotarget. 2016 Apr 26;7(17):23785-800 (IF=5.4).

Guéguinou M, Harnois T, Crottes D, Uguen A, Deliot N, Gambade A, Chantôme A, Haelters JP, Jaffrès PA, Jourdan ML, Weber G, Soriani O, Bougnoux P, Mignen O, Bourmeyster N, Constantin B, Lecomte T, Vandier C, Potier-Cartereau M. **SK3/TRPC1/Orai1 complex regulates SOCE-dependent colon cancer cell migration: a novel opportunity to modulate anti-EGFR mAb action by the alkyl-lipid Ohmlin**. Oncotarget. 2016 Apr 18. doi: 10.18632/oncotarget.8786 (IF=5.4).

Faouzi M, Hague F, Geerts D, Ay AS, Potier-Cartereau M, Ahidouch A, Ouadid-Ahidouch H. **Functional cooperation between KCa3.1 and TRPC1 channels in human breast cancer: role in cell proliferation and patient prognosis**. Oncotarget. 2016 May 10. doi: 10.18632/oncotarget.9261 (IF=5.4).

Peyta L, Jarnouen K, Pinault M, Guimaraes C, de Barros JP, Chevalier S, Dumas JF, Maillot F, Hatch GM, Loyer P, Servais S. **Reduced cardiolipin content decreases respiratory chain capacities and increases ATP synthesis yield in the human HepaRG cells**. Biochim. Biophys. Acta Bioenergetics. 2016 Apr;1857(4):443-53. (IF=4.8).